

LISTING OF THE CLAIMS

If entered, this listing of claims replaces all prior listings of claims in the present application.

1. (Currently Amended) A computer-implemented method ~~for managing inventory, the method~~ comprising:
~~synchronizing inventory location information in a computerized inventory management system, wherein~~
~~the computerized inventory location management system comprises~~
~~a plurality of source computerized inventory management systems,~~
~~and~~
~~a plurality of target computerized inventory management systems,~~
~~and~~
synchronizing a source system with a target system, wherein
the source system is one of a plurality of computer systems,
the target system is another of the plurality of computer systems, and
the synchronizing comprises
extracting source inventory location information ~~in a source format~~
from a source inventory location record, wherein
the extracting is performed by an integration server in
response to a trigger,
the trigger indicates that the synchronizing should be
performed,
the source inventory location information is in a source
format, and
the source format corresponds to the source system,
~~the source format corresponds to a source computerized~~
~~inventory management system, and~~
~~the source computerized inventory management system is~~
~~one of the plurality of source computerized~~
~~inventory management systems,~~

converting the source inventory location information ~~in the source format~~ into ~~inventory location information in an~~ intermediate format, and

converting the ~~inventory location information in the~~ intermediate format into ~~inventory location information in a target format~~ target inventory location information, wherein the target inventory location information is in a target format, and

the target format corresponds to ~~[[a]]~~ the target ~~computerized inventory management~~ system, and ~~the target computerized inventory management system is one of the plurality of target computerized inventory management systems.~~

updating a target inventory location record with the target inventory location information, wherein the updating is performed by the integration server, the target inventory location record is in the target format, and
the target inventory location record corresponds to the source inventory location record.

2. (Currently Amended) The method of Claim 1, further comprising:
using the target inventory location information in the target format to perform at least one computer-implemented act from a set of computer-implemented acts comprising:
creating ~~a new~~ the target inventory location record in the target ~~computerized inventory management~~ system if the target inventory location record does not exist; and
~~updating an existing inventory location record in the target computerized inventory management system.~~

3. (Currently Amended) The method of Claim 1, further comprising:
extracting inventory location information in a second source format that is associated
with a second source ~~computerized inventory management~~ system that is
distinct from the first source ~~computerized inventory management~~ system;
converting the inventory location information in the second source format into
inventory location information that is in the intermediate format;
converting the inventory location information in the intermediate format into
inventory location information in the target format; and
using the inventory location information in the target format to perform at least one
computer-implemented act from a set of computer-implemented acts
comprising:
creating a new inventory location record in the target computerized inventory
management system; and
updating an existing inventory location record in the target computerized
inventory management system.
4. (Previously Presented) The method of Claim 1, wherein the intermediate format
includes a list of inventory locations class with a hierarchy of data elements.
5. (Original) The method of Claim 4, wherein the hierarchy of data elements
includes a plurality of inventory location elements, wherein each of the plurality of
inventory location elements includes:
an identifier for identifying the inventory location element;
a base data element for defining:
a location description;
a location name; and
a location type code;
a list of addresses element for defining a plurality of address elements from a party
class;

a list of related business units elements for defining a plurality of business units associated with the inventory, and wherein each of the plurality of business units associated with the inventory includes an identifier element;
a list of related inventory locations for defining a plurality of related inventory locations; and
a custom data element for defining customized attributes for the inventory.

6. (Original) The method of Claim 5, wherein each of the plurality of address elements includes:
 - an address identifier element;
 - an address base data element, wherein the address data cleansing data element includes a disable cleansing flag element;
 - an address data cleansing data element;
 - an address relationship data element; and
 - an address custom data element.
7. (Original) The method of Claim 6, wherein the address relationship data element includes:
 - an address effective end date element;
 - an address occupancy type code element;
 - an address effective start date element;
 - an address type code element; and
 - an address list of roles element.
8. (Original) The method of Claim 5, wherein each of the plurality of related inventory locations include a related inventory location identifier element and a related inventory location type code element.
9. **(Currently Amended)** A computer-readable medium ~~carrying~~ storing one or more sequences of instructions for managing inventory, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform:

~~synchronizing inventory location information in a computerized inventory management system, wherein~~
~~the computerized inventory location management system comprises~~
~~a plurality of source computerized inventory management systems,~~
~~and~~
~~a plurality of target computerized inventory management systems,~~
~~and~~

synchronizing a source system with a target system, wherein

the source system is one of a plurality of computer systems,
the target system is another of the plurality of computer systems, and
the synchronizing comprises

extracting source inventory location information ~~in a source format~~

from a source inventory location record, wherein

the extracting is performed by an integration server in

response to a trigger,

the trigger indicates that the synchronizing should be

performed,

the source inventory location information is in a source

format, and

the source format corresponds to the source system,

~~the source format corresponds to a source computerized inventory management system, and~~

~~the source computerized inventory management system is one of the plurality of source computerized~~

~~inventory management systems,~~

converting the source inventory location information ~~in the source~~

~~format~~ into ~~inventory location information in~~ an intermediate format, and

converting the ~~inventory location information in the~~ intermediate

format into ~~inventory location information in a target~~

~~format~~ target inventory location information, wherein

the target inventory location information is in a target format, and

the target format corresponds to ~~[[a]]~~ the target computerized inventory management system, and

~~the target computerized inventory management system is one of the plurality of target computerized inventory management systems.~~

updating a target inventory location record with the target inventory location information, wherein

the updating is performed by the integration server,

the target inventory location record is in the target format, and

the target inventory location record corresponds to the source inventory location record.

10. (Currently Amended) The computer-readable medium of Claim 9, further comprising:
using the target inventory location information in the target format to perform at least one computer-implemented act from a set of computer-implemented acts comprising:
creating ~~a new~~ the target inventory location record in the target ~~computerized inventory management~~ system if the target inventory location record does not exist; and
~~updating an existing inventory location record in the target computerized inventory management system.~~
11. (Currently Amended) The computer-readable medium of Claim 9, further comprising:
extracting inventory location information in a second source format that is associated with a second source ~~computerized inventory management~~ system that is distinct from the first source ~~computerized inventory management~~ system;
converting the inventory location information in the second source format into inventory location information that is in the intermediate format;

converting the inventory location information in the intermediate format into
inventory location information in the target format; and
using the inventory location information in the target **[[form]] format** to perform at
least one computer-implemented act from a set of computer-implemented acts
comprising:
creating a new inventory location record in the target computerized inventory
management system; and
updating an existing inventory location record in the target computerized
inventory management system.

12. (Previously Presented) The computer-readable medium of Claim 9, wherein the intermediate format includes a list of inventory locations class with a hierarchy of data elements.
13. (Original) The computer-readable medium of Claim 12, wherein the hierarchy of data elements includes a plurality of inventory location elements which include other elements.
14. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes an identifier for identifying the inventory location element;
15. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a base data element for defining:
 - a location description;
 - a location name; and
 - a location type code.
16. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a list of addresses element for defining a plurality of address elements from a party class.

17. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a list of related business units elements for defining a plurality of business units associated with the inventory.
18. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a list of related inventory locations for defining a plurality of related inventory locations.
19. (Original) The computer-readable medium of Claim 13, wherein each of the plurality of inventory location elements includes a custom data element for defining customized attributes for the inventory.
20. (Original) The computer-readable medium of Claim 16, wherein each of the plurality of address elements includes:
 - an address identifier element;
 - an address base data element;
 - an address data cleansing data element;
 - an address relationship data element; and
 - an address custom data element.
21. (Original) The computer-readable medium of Claim 20, wherein the address data cleansing data element includes a disable cleansing flag element.
22. (Original) The computer-readable medium of Claim 20, wherein the address relationship data element includes:
 - an address effective end date element;
 - an address occupancy type code element;
 - an address effective start date element;
 - an address type code element; and
 - an address list of roles element.

23. (Original) The computer-readable medium of Claim 17, wherein each of the plurality of business units associated with the inventory includes an identifier element.
24. (Original) The computer-readable medium of Claim 18, wherein each of the plurality of related inventory locations include a related inventory location identifier element and a related inventory location type code element.
25. – 32. (Cancelled)